

OBJECT DESCRIPTION LANGUAGE

ABSTRACT

An object description language and a system in which the language is utilized is provided. The language describes the elements and structure of another programming language. It allows more information to be expressed by a developer than can be expressed in other programming languages. In addition to describing how objects interface with each other, the object description language of the present invention captures the structure of objects. The object description language can also contain information pertaining to memory management and scheduling. A system in which the language is utilized is also provided. The system assists the developer with code development. The system includes a compiler for the object description language, a compiler for the programming language being described, a separator, and a combiner. The components of the system work together to produce object code that is then executed on an applications platform.